TEAC

CRX45iP

DAB+ / FM digital radio with iPod and iPhone docking

USER MANUAL

IMPORTANT !

WARRANTY INFORMATION INSIDE. PLEASE READ

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TEAC WARRANTY PROCEDURE

v1.5.2: DEC 2011

Please read the owner's manual carefully and ensure that you have followed the correct installation and operating procedures.

1. Please read this warranty card.
2. Keep your purchase receipt to enable you to proceed quickly in the event of a Warranty Service.
3. If you require Warranty Service, please contact the TEAC Customer Support Hotline at 1300 553 315 for assistance. Please ensure that you have the model number, serial number and purchase receipt ready when you call.

Please complete the section below and keep this information for your own records.

Owner's Name

Owner's Address

Postcode

Model Name/No. Serial No.

Dealer's Name

Dealer's Address

Postcode

Authorised Service Centres in Major Australian Cities

NSW
151 Arthur Street
Homebush West, NSW 2140

Queensland
Unit 1, 320 Curtin Ave West
Eagle Farm, QLD 4009

Western Australia
Unit 2, 50 Pilbara Street
Welshpool, WA 6106

South Australia
11 McInnes Street
Ridleyton, SA 5008

Victoria
282 Normanby Road
South Melbourne, VIC 3205

Thank you for selecting a TEAC product.

If you should require assistance with your product regarding its setup or operation, or if any difficulties arise, please call us directly for advice between Monday to Friday at 8.30AM – 6PM AEST at the

TEAC Customer Support Hotline

1300 553 315

teacservicesupport@awa.com.au

www.teac.com.au

TEAC WARRANTY INFORMATION

v1.5.2: DEC 2011

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Warranty Terms & Conditions

1. TEAC warrants that this product is free from defects in material and workmanship under normal domestic use with reasonable care and skill. Maintenance and cleaning (i.e. laser head) is not covered by this warranty. The TEAC warranty only applies to TEAC products purchased, used and serviced in Australia.

2. The benefits to the consumer given by this Warranty are in addition to other rights and remedies of the consumer under a law in relation to goods or services to which the warranty relates, being the Australian Consumer Law.

3. Refund or replacement via your retailer is available for a period of 14 days after purchase for goods that have been inspected and determined to have a major failure. Refund and exchange is not applicable for change of mind.

4. Subject to the terms herein, this warranty effectively covers the equipment as specified in the Warranty Periods Table below from the date of purchase.

TEAC PRODUCT	WARRANTY PERIOD
LED/LCD TV 32" (80 cm) and above	1 Year (In-Home Service/ Pick up Available)*
All other TEAC products	1 Year (Carry-in Service)

5. In Home Service/Pick up* Service

   This service will only be provided as part of this warranty if all the following conditions are met;
   a) The product is indicated in the Warranty Period Table.
   b) The product is within the warranty period.
   c) The product is located within the normal service area of the local TEAC Authorised Service Centre.

   If TEAC determines that the product is not repairable on site, TEAC can complete the repair by taking the product to a TEAC Authorised Service Centre.

   Carry-in Service

   Where In-Home service/Pick up* is not available, the purchaser is required to send the product to the nearest TEAC Authorised Service Centre for repair. In this event, proof of purchase is required to support a warranty claim. After the repair, the product will be available for collection by or return to the purchaser at a fee upon request. TEAC in-home service can be made available at a fee upon request.

6. A 12-month replacement warranty is applicable to all Accessories such as Remote, Power Adaptors and Cables.

7. TEAC will ensure to the best of its abilities that all required parts are made available for any required service/repair.

8. TEAC Australia Pty Ltd and its Authorised Service Centres will use their best endeavours to complete product repairs within a reasonable period based on available resources and workload during the time when service is requested and performed.

9. Refurbished parts may be used to repair the product. In the case of a replacement, the product may be replaced, with a refurbished unit of the same type or, if one is unavailable, a similar refurbished model with equal or better features & specifications.

10. Please be advised that if the product presented for repair is capable of retaining user-generated data, the data may be lost during servicing. Customers are strongly encouraged to back up all important information/data before sending the product in for service/repair.

11. Service will be provided only during normal business hours and under safety conditions and circumstances. TEAC and its authorised service agents can refuse any repair if safety, in relation to OH&S, becomes a concern to its staff or authorised service agents' personnel.

12. The warranty is void and warranty claims may be refused, subject to the Australian Consumer Law, if:
    a) The product was not transported, installed, operated or maintained according to manufacturer instruction, or
    b) The product was abused, damaged, tampered, altered or repaired by any unauthorised persons, or
    c) Product failure is due to accidents during use, installation or transit, power surges, use of defective or incompatible external devices, exposure to abnormal conditions such as excessive temperatures or humidity, or entry of liquids, objects or creatures into the product.

13. No one is authorised to assume any liability on behalf of TEAC or impose any obligation on it, in connection with the sale of any equipment other than as stated in this warranty and outlined above.

14. TEAC reserves the right to inspect and verify whether the product is exhibiting a major failure as claimed by customers/retailers.

15. LCD dead pixel policy, please contact TEAC Customer Support Hotline on 1300 553 315 for assistance.

Safety Precautions

To achieve the utmost in enjoyment and performance, and in order to become familiar with its features, please read this manual carefully before attempting to operate this product, this will assure you years of trouble free performance and listening pleasure.

Important Notes

- This safety and operating instruction should be retained for future reference.
- The apparatus should not be exposed to dripping or splashing or placed in a humid atmosphere such as a bathroom.
- Do not install the product in the following areas:
    - Places exposed to direct sunlight or close to radiators
    - On top of other stereo equipment that radiate too much heat
    - Blocking ventilation or in a dusty area
    - Areas where there is constant vibration
    - Humid or moist places.
- Do not place near candles or other naked flames
- Operate the product only as instructed in this manual
- Before turning on the power for the first time, make sure the power adaptor is properly connected.

For safety reasons, do not remove any covers or attempt to gain access to the inside of the product. Refer any servicing to qualified personnel.
Do not attempt to remove any screws, or open the casing of the unit; there are no user serviceable parts inside, refer all servicing to qualified service personnel.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK), NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

DANGEROUS VOLTAGE

Dangerous Voltages, that may be of sufficient magnitude to constitute a risk of electric shock to personsare present within this product's enclosure.

ATTENTION

The owner's manual contains important operating and maintenance instructions, for your safety, it is necessary to refer to the manual.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO DRIPPING OR SPLASHING.

Note: This unit will become warm when used for a long period of time. This is normal and does not indicate a problem with the unit.

Safety Information

Some Do's and Don'ts on the Safe Use of Equipment

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and inter-connections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and unplug the power before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DON'T remove any fixed cover as this may expose dangerous voltages.

Overheating will cause damage and shorten the life of the equipment.

DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on/near the equipment.

DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety.

DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation. Switch off using the switch on the equipment and make sure that your family knows how to do this. Special arrangements may need to be made for infirm or handicapped people.

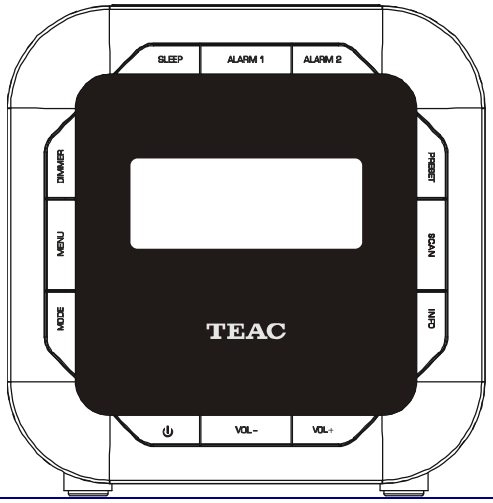
DON'T continue to operate the equipment if you are in any doubt about if it's working normally or if it's damaged in any way. Switch it off, unplug the mains power and consult your dealer.

ESD Remark: In case of malfunction due to electrostatic discharge just reset the product (reconnection of mains power maybe be required) to resume normal operation.

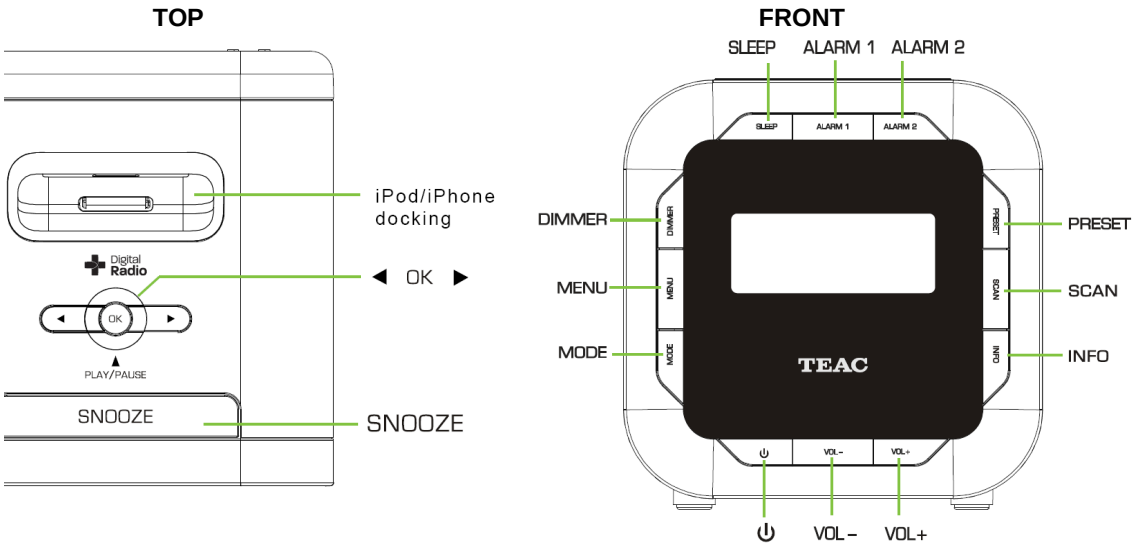
Table of Contents

Safety Precautions 2
Safety Information 3
Package Contents 5
Unit Overview 6
DAB+ MODE 8
How to Turn on? 8
How to Change to another Station? 8
How to Prune? 8
How to Update Stations List? 8
DAB Menu Tree 9
FM MODE 10
How to Switch to FM Mode? 10
How to tune to stations? 10
How to Start Scan for available station? 10
How to Change Audio Setting? 10
How to View Station Information? 10
FM Menu Tree 11
How to Set Station Presets (DAB+ and FM mode)? 12
How to Recall Preset station (DAB+ and FM mode)? 12
AUX IN MODE 12
iPod MODE 13
Docking and Playing Your iPod/iPhone 13
General Operation 14
Set Time 14
Set Snooze 14
Set Audio Equaliser 14
Set Language 14
Set Display Dimmer 14
Set Alarm 15
Set Sleep 16
Factory Reset 16
SW version 16
Specification 17

Package Contents

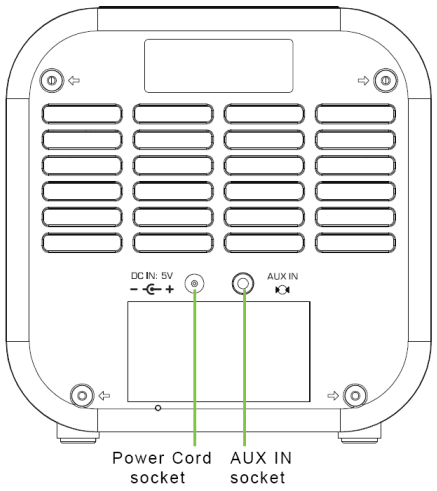
Main unit	
Adapter	 *(To prolong your radio's lifespan, please use the adapter we provided only.)*
User manual	

Unit Overview



Control	All modes
⏻	a. Press to turn unit on/off b. **When alarm sounds**, press to turn alarm off
VOL – VOL +	Press to adjust volume level
INFO	**DAB+, FM and iPod mode:** Press to browse broadcast station information.
SCAN	**DAB+ and FM mode:** Press to scan stations
PRESET	**DAB+ and FM mode:** Press and hold to store preset 1-10; Press mode, press preset to recall stations
ALARM2	a. Press to set alarm2 b. **When alarm sounds**, press to turn it off
ALARM1	a. Press to set alarm1 b. **When alarm sounds**, press to turn it off
SLEEP	Press to set sleep timer so that it turns off after a pre-define time
DIMMER	Press to change the front panel display brightness
MENU	Press to enter main menu and select other menus
MODE	Press to switch between DAB+/ FM/iPod/AUX mode
◄ OK ►	**DAB+ and FM mode:** Press **◄or ►**to browse options, press **OK** to confirm **iPod mode:** Press **◄or ►**to select previous or next track, press **OK** to play
SNOOZE	**When alarm sounds**, Press snooze function to postpone alarm to a define snooze time.

Back Overview



Power Supply socket:	• Connect the provided AC/DC power adaptor (12V) to this socket, and then connect the AC/DC adaptor plug to the AC wall outlet. ⚠ Do not use any AC adaptors other than the one included with this unit to avoid fire, electric shock, etc. • Be sure that only connect to an AC outlet that match the AC adaptor.
AUX IN socket:	• Connects to external audio device. • When connect the 3.5mm PHONES jack from your MP3 player, you must adjust the volume of the MP3 player or you may not hear sound from your unit. • Turning up volume too high on your MP3 player may cause sound distortion from your unit. If this is the case, reduce the volume on the MP3 player until the distortion stops and then adjust the volume level on the unit to a comfortable listening level.

DAB+ MODE

How to Turn on?

1. Press ⏻ to switch on radio and a message -- 'Welcome to Digital Radio' will be followed.

2. For initial use, it will automatically run a full scan and save all the detected stations into its memory in alphanumeric order. This will take one or two minutes. The first station in the list will play after scanning finished.

@ ***Note**: If no DAB+ reception, check the antenna adjustment or relocate your radio for best reception by viewing the signal strength on the display*

How to Change to another Station?

1. While playing a DAB+ program, you can change to another station by pressing ◄or ►to browse.
2. Press **OK** to confirm the station you selected.

How to Prune?

@ ***Note**: Pruning removes inactive stations from the station list.*

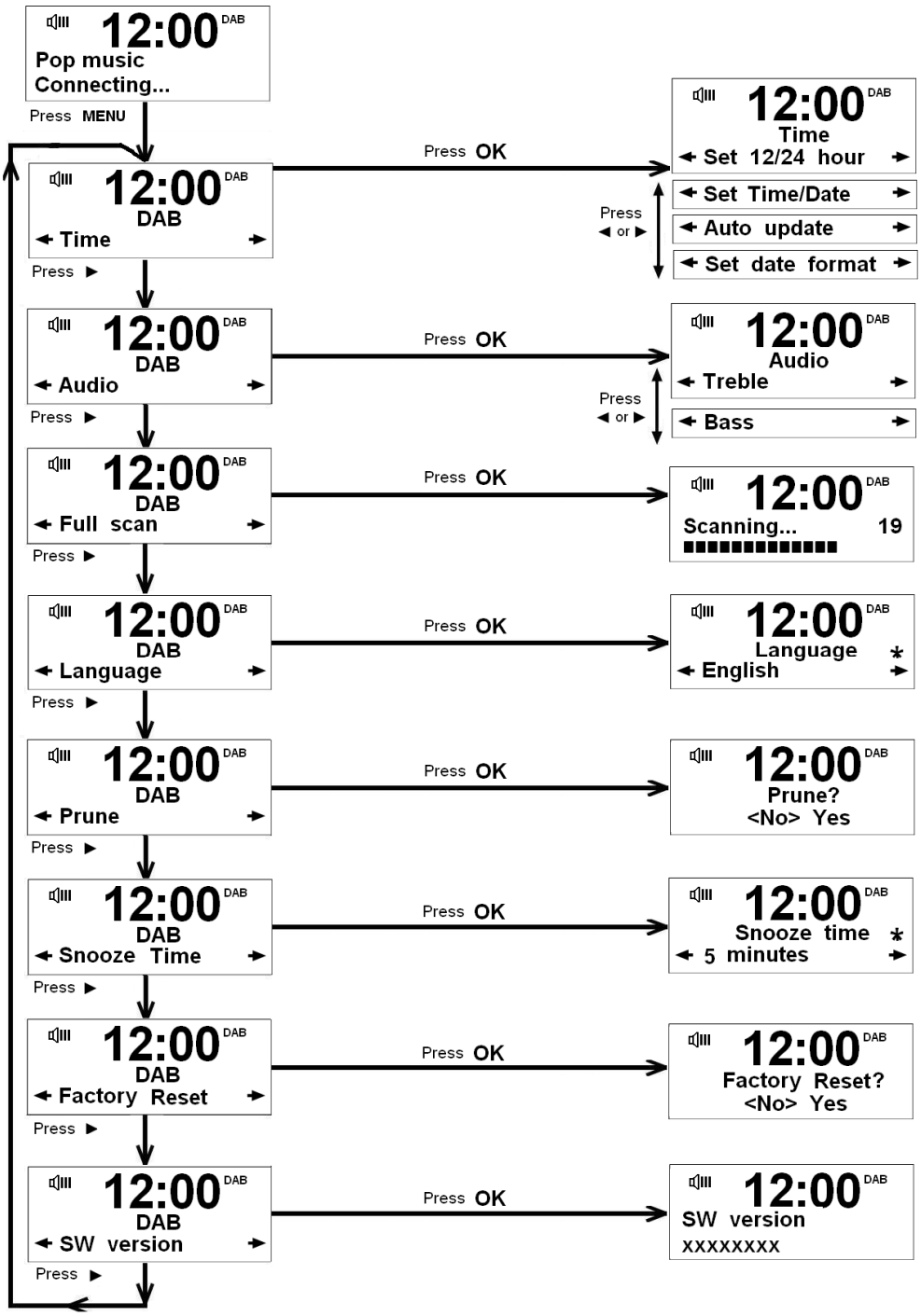
1. Press **MENU à** press ◄or ►to ''**Prune**', press **OK** to confirm, '**Prune? <No> Yes**'.
2. Press ◄or ► '**Yes**', press **OK** to confirm.

How to Update Stations List?

@ ***Note**: It is recommended to do a full scan every now and then to add any new stations to the station list.*

1. Press **SCAN**, the unit will scan all the DAB+ channels and add any new stations available to its station list. Or
2. Press **MENU**, and then press ◄or ►to '**Full scan**', press **OK** to confirm.

DAB Menu Tree



FM MODE

How to Switch to FM Mode?

1. Press **MODE** to switch from DAB Mode to '**FM Mode**'.

How to tune to stations?

1. Once in FM mode, it will start at the beginning of the FM frequency range (87.50MHz). Otherwise, it will play the last FM station you've listened.

2. **Manually Scan**
   To manually scan FM frequency, press ◄or ► to change frequency by 0.05MHz per step. Press and hold ◄or ► to scan lower or higher stations

3. **Automatic Scan**
   To automatic scan, press ◄or ► or **SCAN**.
   a. To forward auto '**Scanning…**' press ► and then press **OK**.
   b. To backward auto '**Scanning…**' press ◄ and then press **OK**.
   c. Or, simply press **OK** or **SCAN**.

How to Start Scan for available station?

1. By default, FM scans stop at any available station. This may result in a poor signal-to-noise ratio (hiss) from weak stations.

2. To change the scan settings to stop only at stations with good signal strength, press **MENU à** < **Scan setting** > **à** '**Strong stations only?**' press **OK** to confirm.

How to Change Audio Setting?

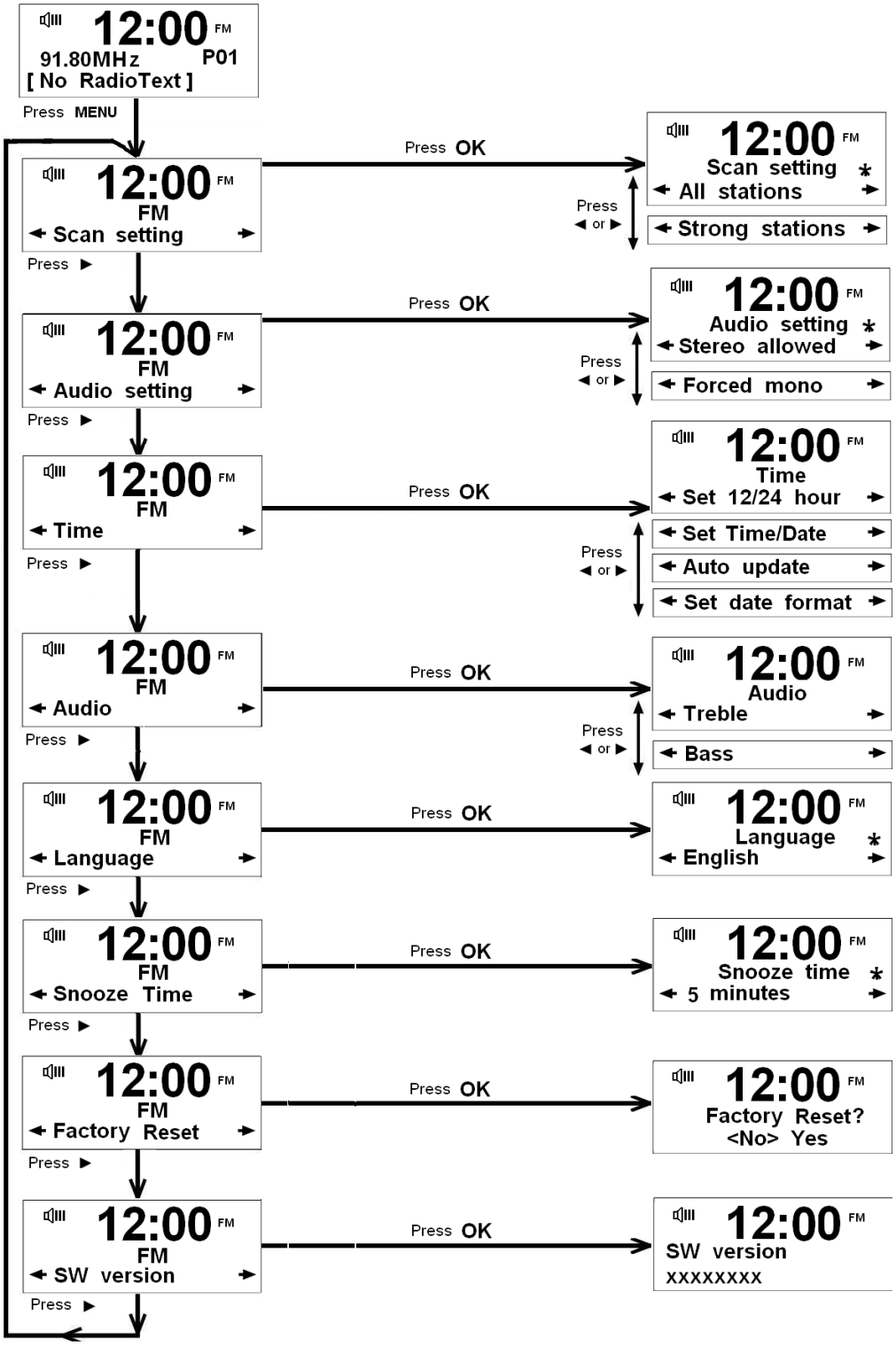
1. By default, all stereo stations are reproduced in stereo. For weak stations, this may result in a poor signal-to-noise ratio (hiss).

2. To play weak stations in mono, press **MENU à** < **Audio setting** > **à Forced mono**, press **OK** to confirm.

How to View Station Information?

While listening to a DAB+/FM program, you can view station information by press **INFO** repeatedly. The information is displayed on the second line of the display such as signal strength, program type, multiplex name, frequency, digital bit rate, program format, date.

FM Menu Tree


12:00 FM
91.80MHz P01
[No RadioText]
Press MENU
12:00 FM
FM
◄ Scan setting ►
Press ►
12:00 FM
FM
◄ Audio setting ►
Press ►
12:00 FM
FM
◄ Time ►
Press ►
12:00 FM
FM
◄ Audio ►
Press ►
12:00 FM
FM
◄ Language ►
Press ►
12:00 FM
FM
◄ Snooze Time ►
Press ►
12:00 FM
FM
◄ Factory Reset ►
Press ►
12:00 FM
FM
◄ SW version ►
Press ►
Press OK
12:00 FM
Scan setting *
◄ All stations ►
Press ◄ or ►
◄ Strong stations ►
Press OK
12:00 FM
Audio setting *
◄ Stereo allowed ►
Press ◄ or ►
◄ Forced mono ►
Press OK
12:00 FM
Time
◄ Set 12/24 hour ►
Press ◄ or ►
◄ Set Time/Date ►
◄ Auto update ►
◄ Set date format ►
Press OK
12:00 FM
Audio
◄ Treble ►
Press ◄ or ►
◄ Bass ►
Press OK
12:00 FM
Language *
◄ English ►
Press OK
12:00 FM
Snooze time *
◄ 5 minutes ►
Press OK
12:00 FM
Factory Reset?
<No> Yes
Press OK
12:00 FM
SW version
xxxxxxxx

How to Set Station Presets (DAB+ and FM mode)?

Your radio can store 10 DAB+ and 10 FM station presets.

1. Press and hold **PRESET** button, until it shows: '**Preset Store #**'.
2. Press ◄or ► to cycle through preset stations 1-10.
3. Once you have located your favourite preset position, press **OK**, it will show: '**Preset # stored**' followed by specified preset number shows up.

   ? ***Note**: # stands for preset station numbers from 1 - 10*

How to Recall Preset station (DAB+ and FM mode)?

To recall a preset station:

1. Press **MODE** repeatedly to switch mode (DAB+/FM mode).
2. Press **PRESET** button to access to your preset station list: '**Preset Recall #**'.

3. Press ◄or ► to locate your favourite station, press **OK** to confirm.

AUX IN MODE

@ ***Note**: This radio has an auxiliary input which can be used as an audio speaker system for external audio source such as MP3 or CD player*

1. Connect an external audio source to the AUX IN socket using a 3.5mm audio stereo cable (not included).

2. Press **MODE** repeatedly to select '**Auxiliary Input Mode**'.

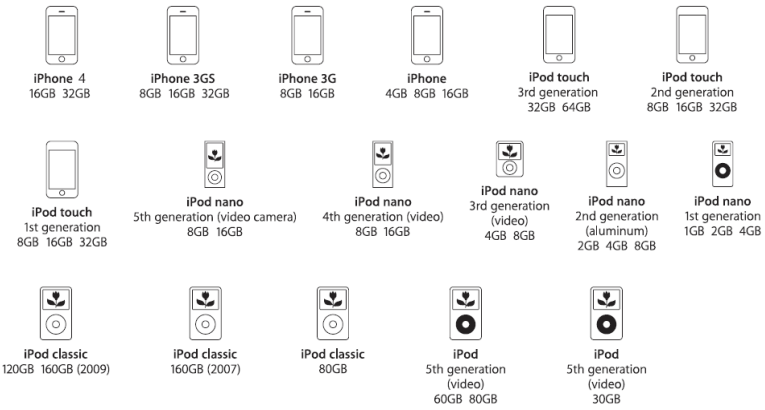
3. To gain optimal volume levels, adjust the output volume level on both of the source device and on radio itself is recommended.

@ ***Note:** AUX IN allows for quick and easy connection to an MP3 player or other external audio sources*

iPod MODE

Docking and Playing Your iPod/iPhone

Note this unit is compatible with the following iPod/iPhone models:



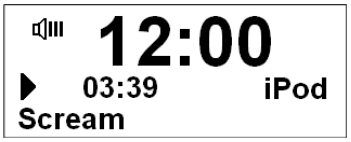
"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

iPhone, iPod, iPod classic, iPod nano, iPod shuffle, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

Docking can play music files stored on your iPod/iPhone through the stereo speakers.
The method of playing iPod and iPhone quite similar, below we show how to play iPod for example.

Docking your iPod

1. Insert your iPod into the iPod docking on the top of the unit. It will begin to charge if necessary. Charging will stop when it is fully charged (check the iPod screen).
2. Select iPod mode by pressing **MODE** repeatedly until iPod is displayed.
3. Playing Music?



   a. Press ◀or ▶ to previous or next track, press **OK** from song list.

   Or, select and play a track by using your iPod.

4. Adjust the volume by pressing the **VOL+** or **VOL-** button.

General Operation

Set Time

1. Press **MENU**, and then press ◄or ► to '**Time**', press **OK** to confirm,

   Press ◄or ► to enter *a range of time settings below:*

   - **n** *<Set 12/24 hour format>: 'Set 24 hour' and 'Set 12 hour'*
   - **n** *<Set Time/Date>: Manually set-up both Time and Date*
   - **n** *<Auto update>: 'Update from DAB', and 'No update'*
   - **n** *<Set date format>: DD-MM-YYYY' and 'MM-DD-YYYY'*

Set Snooze

@ ***Note**: This function is used to temporarily turn alarm off for pre-define time. After this time it will turn on again. Default time is 5mins.*

1. Press **MENU à** '**Snooze Time**', press **OK** to confirm.
2. Press ◄or ► to view options: 5/10/15/20/25/30 minutes, the default setting is 5 minutes.
3. Press **OK** to confirm time interval option.

Set Audio Equaliser

***Note**: The sound system of your unit can be adjusted to suit your personal taste of listening by setting the bass and treble levels*

1. Press **MENU à** '**Audio**', press **OK** to confirm.
2. Press ◄or ► to cycle through options: '**Treble**' and '**Bass**'.
3. Press **OK** to enter and press ◄or ► to change '**Treble**' or '**Bass**' level, press **OK** to confirm.

Set Language

1. Press **MENU à** ''**Language**', press **OK** to confirm.
2. Press ◄or ► to cycle through, for which you will find '**English**', '**Frangais**', '**Deutsch**' and '**Italiano**' available.
3. While your desired one is showing up, press **OK** to confirm.

Set Display Dimmer

@ ***Note**: Adjust the front panel display backlight level to suit your personal preference.*

Press **DIMMER** repeatedly to adjust backlight level.

Set Alarm

@ ***Note**: Ensure that time is set correctly before setting the Alarm.*

1. Press **ALARM1** to enter '**Alarm 1 Setup**', meanwhile icon will be blinking.

2. Or press **ALARM2** to enter alarm 2 setting mode.
3. Press **OK** to confirm '**Alarm 1 Setup**' to enter '**Alarm 1 Wizard**', then follow your display's instruction to configure the following parameters:

   - **Alarm states**: Off/ On, press ◄or ► to 'On', press **OK** to confirm.
   - **On time**: 06: 00 (alarm sounding time)
   - **Duration time**: 15/30/45/60/90minutes (alarm sounding lasting time)
   - **Source**: Buzzer/DAB/FM
   - **Alarm sounds frequency**: Daily, Once, Weekends or weekdays
   - **Alarm volume**: press ◄or ► to your favor alarm volume, and then press **OK** to confirm, your radio will indicate '**Alarm saved**'.

To Operate SNOOZE

- When Alarm wakes up, press **SNOOZE** to postpone it.
- While in SNOOZE function, the relative alarm should be blinking, and shows how long it will be elapsed, during this time, you also can press ⏻ to stop snooze, or press ⏻ again to have your radio play.
- When unit reaches SNOOZE time, it will be wake up again.

To Turn Off Alarm

1. To turn alarm off temporarily, press ⏻ button.
2. To turn alarm off permanently,
   Press Alarm1 or Alarm 2 button to enter the desired alarm setting.
   Press ◄or ► to "OFF", press **OK** to confirm until it displays "Alarm saved".

Set Sleep

@ ***Note**: Your radio can be set to turn off after reaching a pre-define time.*

1. Press **SLEEP** to enter '**Set sleep time ------- sleep off**'.
2. Press **SLEEP** repeatedly to define the snooze period: off/15/30/45/60/90 minutes.
3. When your preferred sleep time shows, press **OK** to confirm.
4. To check how long the sleep time is set, press **SLEEP** again.
5. Unit will automatically put itself into standby mode after the setting time has elapsed.
6. To continue listening to your program, press ⏻ to power it on.

Factory Reset

@ ***Note**: Performing a factory reset will reset all settings including alarms and preset stations to return its factory default settings.*

1. Press **MENU à** ''**Factory Reset**', **à** '**Factory Reset? <No> Yes**'.
2. Press ◄or ► to '**Yes**', and then press **OK** to confirm.

SW version

@ ***Note**: Software cannot be change. It is for your reference*

1. Press **MENU**, and then press ◄ '**SW version**'.
2. Press **OK** to confirm.

Volume Control

Adjust the radio volume by pressing **VOL-** or **VOL+**.

Specification

ITEMS	DESCRIPTION
Specifications:	DAB+, FM Radio with iPod/iPhone docking
Audio Output:	1.5Wrms X 2
Frequency Ranges:	(FM) 87.5-108MHz (DAB+) 174 – 240MHz
LCD Display:	High resolution display
Power Supply:	AC Power Input: 100-240Vac, 50-60Hz DC Power Output: 5V 1200mA
Dimension:	140mm x 140mm x 144mm
Net weight:	0.7kg

Note: Specifications subject to change without notice.
Weight and dimensions are approximate.

TEAC®

TEAC CUSTOMER SUPPORT HOTLINE (TCS)

1300 553 315

Between Monday to Friday – AEST 8.30AM to 6PM